

ABSTRACT OF THE DISCLOSURE

A integrated phone-based home gateway system is disclosed. The integrated phone-based home gateway system includes a broadband communication device, such as digital subscriber line ("DSL") device, an analog modem, a wireless interface, integrated into a screen-phone for providing broadband communication service to home users. Multiple home users are able to access the Internet and the content services for conducting e-commerce, receiving content news, entertaining on-demand, making audio or video communications, and telecommuting or working at home. This screen-phone based, modular, plug-n-play home gateway interface allows in-home as well as to-home networking, provides automatic data and broadband initialization, configuration and service provisioning, routing and bridging functionality and allows resource sharing among home devices via the existing phone wire, wireless, coaxial or optical cable connections.